

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111821\
 Data File : VL038069.D
 Acq On : 19 Nov 2021 1:03
 Operator : SY/AP
 Sample : M4704-04
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 TRANS-SHOP

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/25/2021
 Supervised By : Mahesh Dadoda 11/29/2021

Quant Time: Nov 19 08:30:37 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu Nov 18 13:16:09 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	826060	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2383378	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	1991477	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1449133	10.09	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.90%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.05	85	29696	0.218	ppbv	93
4) Chloromethane	3.15	50	25639	0.434	ppbv	97
9) Propene	3.02	41	2476412	38.761	ppbv	97
10) Heptane	8.12	43	86084	0.545	ppbv	97
11) Trichlorofluoromethane	3.96	101	28060	0.216	ppbv	85
13) Ethanol	3.61	45	442055	71.599	ppbv	89
15) Acetone	3.85	43	9436596	131.758	ppbv	92
17) tert-Butyl alcohol	4.30	59	132322	1.523	ppbv	99
19) Isopropyl Alcohol	3.97	45	130088	2.514	ppbv #	95
20) Methylene Chloride	4.35	84	403939	10.069	ppbv	95
26) Hexane	5.69	57	405599	3.535	ppbv #	43
27) Carbon Disulfide	4.56	76	77264	0.752	ppbv #	79
29) Chloroform	5.76	83	17785m	0.105	ppbv	
30) Cyclohexane	7.13	84	35259m	0.339	ppbv	
34) 2-Butanone	5.24	43	408933	4.255	ppbv	97
35) Carbon Tetrachloride	7.02	117	7861m	0.047	ppbv	
36) Benzene	6.89	78	110451	0.465	ppbv #	92
44) 2,2,4-Trimethylpentane	7.87	57	147346	0.370	ppbv #	79
51) 2-Hexanone	10.14	43	52597	0.766	ppbv #	96
53) Toluene	9.80	91	695601	2.543	ppbv	98
58) Ethyl Benzene	12.71	91	132953	0.404	ppbv	100
59) m/p-Xylene	12.96	91	346950m	1.252	ppbv	
60) o-Xylene	13.69	91	120651	0.469	ppbv	100
72) 4-Ethyltoluene	15.83	105	50491m	0.169	ppbv	
73) 1,3,5-Trimethylbenzene	15.99	105	28406m	0.104	ppbv	
74) 1,2,4-Trimethylbenzene	16.76	105	104653	0.373	ppbv #	67

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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